

KY Valid Course List Information Technology

HOW TO USE THIS DOCUMENT

This document contains a listing of course descriptions and parameters along with certifications that fit the parameters for a given course. The grade range and population information listed for each course are not absolute. Please choose the course that most closely represents the students in a given course.

EXAMPLE

John Q Middle School had 5th, 6th, and 7th grade students taking a Creative Art course. This course would be linked to course number **500711: Creative Art – Comprehensive**, which shows with a recommended grade range of 6th – 12th.

The courses listed in this document are not meant to replace the course titles and course numbers already in use at the school level. Schools will link their courses in the STI Valid Course List to courses listed in this document.

Schools may have created courses that are very unique in order to meet students' needs. If a course does not meet the definition or content of one contained in this document, please use course number **909999: School Defined Course**, and code the correct content through the LEAD report.

CERTIFICATIONS

It is important to note that the certificates listed are the ones that fit *ALL* of the parameters for a specific course – there may be other certificates that can teach it with slightly more restrictive parameters.

It is very important to note that not all of the certificates listed under a specific course will meet the Highly Qualified Teacher standards as defined by The No Child Left Behind Act of 2001. Please refer to the Highly Qualified guidance documents located on the Education Professional Standards Board (EPSB) website at <http://www.kyepsb.net/nclb.asp>.

In addition to Highly Qualified considerations, please take note of the following information from ***The Program of Studies for Kentucky Schools Primary-12*** with regard to middle school courses that are offered for high school credit.

High School Credit Earned in Middle School

It is expected that most students will earn these credits during their high school years. However, local school districts may offer these courses to middle level students if the following criteria are met:

- the content and the rigor of the course is the same as established in the *Program of Studies*
- the students demonstrate mastery of the middle level content as specified in the *Program of Studies*
- the district has criteria in place to make reasonable determination that the middle level student is capable of success in the high school course
- **the middle level course is taught by teachers with either secondary or middle level certification with appropriate content specialization**

Although middle level courses list the Provisional and Standard Elementary Certificates, Grades 1-8 as allowable under the parameters of these courses, they will not meet the above requirements for courses that are offered for high school credit.

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Please contact Robin Chandler in KDE's Division of Curriculum at 502-564-2106 with any questions on content and curricula.

Please contact EPSB's Division of Certification at 502-564-4606 with any questions on credentials or permissions.

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Information Technology

(110000)

The Information Technology Program prepares students for careers by applying technical knowledge and skills in the rapidly growing fields of computer networking, programming, digital media, support services, and e-commerce/web design.

Information Technology - Computer Maintenance & Support Services (110100)

Career Major-Focuses on the design of computing systems. Includes instruction in the principles of computer hardware & software components, algorithms data basis, telecommunications, etc. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110101 - Computer Maintenance & Support Services (CompTIA, Net+, IT Essentials, etc.)

Grade Level: 9 - 12

Credits: 1-8

Description: Focuses on the design of computing systems. Includes instruction in the principles of computer hardware & software components, algorithms data basis, telecommunications, etc.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12

CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110102 - Help Desk

Grade Level: 9 - 12

Credits: 1

Description: Students will learn networking concepts, computer support services, industry recognized certification training, advanced web design, and career exploration while organizing a student-run Technology Help Desk.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science

CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110104 - Computer Support Essentials

Grade Level: 9 - 12

Credits: 1

Description: Students will learn skills necessary to perform general computer hardware and software support.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110152 - Special Topics, Computer Maintenance & Support Services

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Computer Maintenance & Support Services but not described in above courses.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCs	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

Information Technology - Programming (110200)

Career Major - Focuses on the general writing and implementation of generic and atomized programs to drive operating systems. Includes software design, languages, and program writing, trouble-shooting, etc. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110201 - Programming (Java, C++ , Visual Basic, etc.)

Grade Level: 9 - 12

Credits: 1-8

Description: Focuses on the general writing and implementation of generic and atomized programs to drive operating systems. Includes software design, languages, and program writing, trouble-shooting, etc.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12

CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110252 - Special Topics, Programming

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Programming but not described in above courses.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades

TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

Information Technology - Career Major Electives (110300)

110301 - Computer and Technology Applications

Grade Level: 9 - 12

Credits: 1

Description: Students use a computer and application software including word processing, presentation, database, spreadsheets, Internet, and email to prepare elementary documents and reports. The impact of computers on society and ethical issues are presented.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics

C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110311 - Advanced Computer Applications

Grade Level: 10 - 12

Credits: 1-3

Description: To provide students an advanced-level experience with practical applications through hands-on instruction. Course content will include understanding of various hardware, software (including word processing, graphing, spreadsheet, database management, desktop publishing, and electronic communications), operating systems, and care/operations.

Content: Computer and Technology Applications (Advanced)

Population: General

TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
A75	Area Specialization: Distributive Education
B67	Teaching Major: General Business-Secretarial Practice
B74	Teaching Major: Computer Science And Mathematics
B75	Teaching Major: Distributive Education
C72	Teaching Minor: Computer Science
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
B66	Teaching Major: Accounting-General Business
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
TEMA	Temporary Certificate For Mathematics, Grades 8-12
S61	Endorsement For Teaching Accounting
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
S63	Endorsement For Teaching Typewriting
S72	Endorsement For Teaching Computer Science, Grades 5-12
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
S103	Endorsement For Teaching Shorthand
SCI	Endorsement For Specialist In Computerized Instruction
X74	Emergency Certificate For Teaching Computer Science
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
TECS	Temporary Certificate For Computer Science, Grades 8-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
X76	Emergency Certificate For Teaching Computer Information Systems
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
B69	Teaching Major: Secretarial Studies
A60	Area Specialization: Business Education
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
B65	Teaching Major: Accounting-Secretarial Practice
B61	Teaching Major: Accounting

B60	Teaching Major: Business Education
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
C64	Teaching Minor: General Business
C62	Teaching Minor: Secretarial Practice
C61	Teaching Minor: Accounting
C60	Teaching Minor: Business Education
B62	Teaching Major: Secretarial Practice
C67	Teaching Minor: General Business-Secretarial Practice
C66	Teaching Minor: Accounting-General Business
C65	Teaching Minor: Accounting-Secretarial Practice
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
B102	Teaching Major: Comprehensive Business
C71	Teaching Minor: Mathematics
AJMA	Adjunct Instructor For Math, Grades 8-12
A70	Area Specialization: Mathematics-Physical Science
X71	Emergency Certificate For Teaching Mathematics
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
X60	Emergency Certificate For Teaching Business Education
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
B71	Teaching Major: Mathematics
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
X97	Emergency Certificate For Teaching Industrial Technology
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
QMA	Teaching Field: Mathematics
QBU	Teaching Field: Business and Marketing
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12

110399 - Leadership Dynamics - Information Technology

Grade Level: 9 - 12

Credits: 1/2 - 1

Description: This course is designed to assist students with developing skills needed to be successful leaders and responsible members of society. This student will develop personal attributes and social skills. Emphasis will be placed on interpersonal skills, team building, communication, personal development and leadership. This course will include opportunities for students to apply their knowledge.

Content: Leadership Dynamics

Population: General

Due to the large number of certificates permitted to teach this course, no certificates are listed. Please check the certificate permissions on the EPSB website to verify a teacher's permission to teach this course.

Information Technology - Computer Science

(110700)

Career Major- Focuses on computers, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational Science, and computing theory; computer hardware design; computer development and programming; and applications to a variety of end-use situations. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110701 - Advanced Placement Computer Science A

Grade Level: 10 - 12

Credits: 1

Description: This course follows the curriculum established by the College Board and prepares students to take the Advanced Placement examination in Computer Science.

Content: AP Computer Science

Population: General

AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
ACS	Approval For Teaching Computer Science, Grades 5-12
B74	Teaching Major: Computer Science And Mathematics
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
C72	Teaching Minor: Computer Science
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
X74	Emergency Certificate For Teaching Computer Science
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
C71	Teaching Minor: Mathematics

AJMA	Adjunct Instructor For Math, Grades 8-12
A70	Area Specialization: Mathematics-Physical Science
X71	Emergency Certificate For Teaching Mathematics
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
B71	Teaching Major: Mathematics
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
QMA	Teaching Field: Mathematics
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12

110702 - Advanced Placement Computer Science AB

Grade Level: 11 - 12

Credits: 1

Description: This course follows the curriculum established by the College Board and prepares students to take the Advanced Placement examination in Computer Science.

Content: AP Computer Science

Population: General

AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
AIT	Approval For Teaching Information Technology Grades 5-12
ACS	Approval For Teaching Computer Science, Grades 5-12
B74	Teaching Major: Computer Science And Mathematics
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
KE72	Endorsement For Teaching Computer Science, All Grades
WMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
TEMA	Temporary Certificate For Mathematics, Grades 8-12
WMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
S72	Endorsement For Teaching Computer Science, Grades 5-12
C72	Teaching Minor: Computer Science
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
X74	Emergency Certificate For Teaching Computer Science
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12

COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
C71	Teaching Minor: Mathematics
AJMA	Adjunct Instructor For Math, Grades 8-12
A70	Area Specialization: Mathematics-Physical Science
X71	Emergency Certificate For Teaching Mathematics
KMAI	Provisional Internship Certificate For Teaching Mathematics, Grades 8 Through 12
TPMA	Temporary Provisional Certificate For Math, Grades 8-12
KMA	Professional Certificate For Teaching Mathematics, Grades 8 Through 12
COMA	Conditional One-Year Certificate For Math, Grades 8-12
B71	Teaching Major: Mathematics
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
CFMA	Provisional One-Year College Faculty Certificate for Teaching Math, Grades 8-12
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
CMA	Professional Certificate For College Faculty, Mathematics, Grades 8-12
CMAI	Provisional Internship Certificate For College Faculty, Mathematics, Grades 8-12
QMA	Teaching Field: Mathematics
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12

110752 - Special Topics, Computer Science

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Computer Science but not described in above courses.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month

TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

Information Technology - Web Design (110800)

Career Major- Prepares individuals to apply HTML, XML, JavaScript and other authoring tools to the design, editing, and publishing of documents, images, graphics, sound and multimedia products on the World Wide Web. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110802 - Web Page Design

Grade Level: 9 - 12

Credits: 1

Description: Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multi-media web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras, and sound recording devices will be utilized through hands-on instruction.

Content: Web Page Design

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
A75	Area Specialization: Distributive Education
B66	Teaching Major: Accounting-General Business
B67	Teaching Major: General Business-Secretarial Practice
B75	Teaching Major: Distributive Education
C72	Teaching Minor: Computer Science
B63	Teaching Major: Basic Business
B64	Teaching Major: General Business
C60	Teaching Minor: Business Education
C62	Teaching Minor: Secretarial Practice
CBU	Professional Certificate For College Faculty, Business And Marketing Education, Grades 5-12
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
S103	Endorsement For Teaching Shorthand
KBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
S61	Endorsement For Teaching Accounting
KE72	Endorsement For Teaching Computer Science, All Grades
S63	Endorsement For Teaching Typewriting
S68	Endorsement For Teaching Advanced Data Processing
S72	Endorsement For Teaching Computer Science, Grades 5-12
T75	Endorsement For Distributive Education
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
X74	Emergency Certificate For Teaching Computer Science
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
X60	Emergency Certificate For Teaching Business Education

TEBU	Temporary Certificate For Business And Marketing, Grades 5-12
TECS	Temporary Certificate For Computer Science, Grades 8-12
CBUI	Provisional Internship Certificate For College Faculty, Business And Marketing Education, Grades 5-12
COBU	Conditional One-Year Certificate For Business And Marketing, Grades 5-12
X76	Emergency Certificate For Teaching Computer Information Systems
TPBU	Temporary Provisional Certificate For Business And Marketing Education, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
ACS	Approval For Teaching Computer Science, Grades 5-12
AJBU	Adjunct Instructor For Business And Marketing, Grades 5-12
A60	Area Specialization: Business Education
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
B102	Teaching Major: Comprehensive Business
B60	Teaching Major: Business Education
B69	Teaching Major: Secretarial Studies
C61	Teaching Minor: Accounting
C66	Teaching Minor: Accounting-General Business
C67	Teaching Minor: General Business-Secretarial Practice
B61	Teaching Major: Accounting
B62	Teaching Major: Secretarial Practice
B65	Teaching Major: Accounting-Secretarial Practice
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
C64	Teaching Minor: General Business
C65	Teaching Minor: Accounting-Secretarial Practice
WBU	Professional Certificate For Teaching Business And Marketing Education, Grades 5 Through 12
KBUL	Certificate For Teaching Kentucky Business and Marketing Limited, Grades 5-12
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
QBU	Teaching Field: Business and Marketing
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
WBUI	Provisional Internship Certificate For Teaching Business And Marketing Education, Grades 5 Through 12

110803 - Multimedia Publishing

Grade Level: 9 - 12

Credits: 1

Description: This hands-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include, but are not limited to, brochures, manuscripts, reports, programs, catalogs, newsletters, flyers, business forms, and graphs, web pages, on-screen presentations, and video productions. Equipment such as scanners, digital cameras, video cameras, and color laser printers may be utilized in creating the documents. Formatting, editing, page layout, and design

concepts are taught. Distribution ready publication standards are applied to all projects. Students will develop communication skills, problem solving techniques, cooperative learning, and interpersonal skills.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110852 - Special Topics, Web Design

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Web Design but not described in above courses.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology

WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

Information Technology - Networking (110900)

Career Major - Focuses on the design, implementation and management of linked systems of computers, peripherals, associated software. Includes introduction in systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

110901 - Networking (Cisco, Net+, Novell, Nortel, etc.)

Grade Level: 9 - 12

Credits: 1-8

Description: Focuses on the design, implementation and management of linked systems of computers, peripherals, associated software. Includes introduction in systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Any course not found under this career major/sub code may be found in another career major/sub code within this program area.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12

TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science
CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science

110952 - Special Topics, Networking

Grade Level: 9 - 12

Credits: 1-3

Description: Instruction related to Networking but not described in above courses.

Content: Information Technology

Population: General

AIT	Approval For Teaching Information Technology Grades 5-12
731	Computer Systems Technology
WCTI	Provisional Internship Certificate For Teaching Instructional Computer Technology, Grades P-12
WCI	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
WCII	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
SCI	Endorsement For Specialist In Computerized Instruction
AICA	Approval For Teaching Introduction To Computer Applications Provided By Proficiency Evaluation
CISI	Provisional Internship Certificate For College Faculty, Computer Information Systems, Grades 8-12
AJIT	Adjunct Instructor For Information Technology
CIS	Professional Certificate For College Faculty, Computer Information Systems, Grades 8-12
KCS	Endorsement For Teaching Computer Science, Grades 8 Through 12
KCT	Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
KIS	Professional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
KISI	Provisional Internship Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
AJTE	Adjunct Instructor For Teaching Computer Technology (P-12)
KCTI	Internship Endorsement for Teaching Instructional Computer Technology, Grades P-12
KISL	Kentucky Computer Information Systems Limited, Primary Through Grade 12
WCT	Professional Certificate For Teaching Instructional Computer Technology, Grades P-12
XWVO	Waiver For Vocational Education, Grades 5-12, 6-Month
TPIS	Temporary Provisional Certificate For Teaching Computer Information Systems Only, Primary Through Grade 12
X76	Emergency Certificate For Teaching Computer Information Systems
KCITR	Probationary Certificate For Computer Information Technology, Primary Through Grade 12
X97	Emergency Certificate For Teaching Industrial Technology
ACS	Approval For Teaching Computer Science, Grades 5-12
CCS	Professional Certificate For Endorsement For Teaching Computer Science, Grades 8-12
KE72	Endorsement For Teaching Computer Science, All Grades
S72	Endorsement For Teaching Computer Science, Grades 5-12
TPCT	Temporary Provisional Endorsement For Teaching Instructional Computer Technology, Primary Through Grade 12
CFIS	Provisional One-Year College Faculty Certificate for Teaching Computer Information Systems, All Grades
COCS	Conditional One-Year Certificate For Computer Science, Grades 8-12
KCSI	Internship Endorsement for Teaching Computer Science, Grades 8-12
B74	Teaching Major: Computer Science And Mathematics
C72	Teaching Minor: Computer Science

CCSI	Provisional Internship Certificate For Endorsement For Computer Science, Grades 8-12
KE72I	Internship Endorsement For Teaching Computer Science, All Grades
TECS	Temporary Certificate For Computer Science, Grades 8-12
X74	Emergency Certificate For Teaching Computer Science